July 20, 2016

Mr. Doug Lansing

Rainier Commons
918 S. Horton Street, Suite 101
Seattle, WA 98134

Re: **NVL Batch 1614807.00**

Project Name/Number: 2012-494

Project location: 3100 Airport Way S. Seattle, WA 98134

Dear Mr. Lansing,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

The content of this package consists of the following:

-Case Narrative & Definition of Data Qualifiers
-Analytical Test Results
-Applicable QC Summary
-Client Chain-of-Custody (CoC)
-NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

Nick Ly, Technical Director

Enclosure: Sample Results

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from Rainier Commons for Project number: 2012-494.Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in microgram per cubic meter (ug/m3) for PCB samples as shown on the analytical reports.

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Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology

RCLLC 0009303

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Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
ug	Microgram
ug/m3	microgram per cubic meter

ORGANICS LABORATORY SERVICES

NVL LABS

Company	Rainier Commons, LLC	**NVL Batch Number**	1614807.00
Address	918 S. Horton Street, Suite 101 Seattle, WA 98134	**TAT**	1 Day **AH** No
		Rush TAT	
Project Manager	Mr. Doug Lansing	**Due Date**	7/20/2016 **Time** 3:00 PM
Phone	(206) 447-0263	**Email**	lansinghomes@aol.com
Cell	(b) (6)	**Fax**	(206) 447-0299

Project Name/Number: 2012-494 **Project Location:** 3100 Airport Way S. Seattle, WA 98134

Subcategory Quantitative analysis

Item Code ORG-01 **Method** NIOSH 5503 PCB Aroclors <Air>

Total Number of Samples 3 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	16244600	0719-16-A		A
2	16244601	0719-16-B		A
3	16244602	0719-16-D		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	7/19/16	1500
Analyzed by	Shalini Patel		NVL	7-19-16	1700
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Entered By: Fatima Khan Date: 7/19/2016 Time: 3:40 PM 1 of 1

RCLLC 0009305

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ANALYSIS REPORT
Polychlorinated Biphenyls in Air

Client	**Rainier Commons**	Samples Received*	**3**
SDG Number	**1614807.00**	Analyzed By	**Shalini Patel**
Date Reported	**07/20/2016**	Samples Analyzed*	**3**
Project Number	**2012-494**	Analysis Method	**5503**
Location	**3100 Airport Way S. Seattle, WA 98134**	Preparation Method	**5503PR**

* for this test only

Sample Number	**0719-16-A**	Received	07/19/2016
Lab Sample ID	16244600	Matrix	Air
Initial Sample Size	1568 L	Units of Result	ug/m3

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.064	< 0.064	07/19/2016
Aroclor-1221	0.064	< 0.064	07/19/2016
Aroclor-1232	0.064	< 0.064	07/19/2016
Aroclor-1242	0.064	< 0.064	07/19/2016
Aroclor-1248	0.064	< 0.064	07/19/2016
Aroclor-1254	0.064	< 0.064	07/19/2016
Aroclor-1260	0.064	< 0.064	07/19/2016
PCBs, Total	**0.064**	**<0.064**	**07/19/2016**

Comments: 15-200 EAST

Sample Number	**0719-16-B**	Received	07/19/2016
Lab Sample ID	16244601	Matrix	Air
Initial Sample Size	1192 L	Units of Result	ug/m3

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.084	< 0.084	07/19/2016
Aroclor-1221	0.084	< 0.084	07/19/2016
Aroclor-1232	0.084	< 0.084	07/19/2016
Aroclor-1242	0.084	< 0.084	07/19/2016
Aroclor-1248	0.084	< 0.084	07/19/2016
Aroclor-1254	0.084	< 0.084	07/19/2016
Aroclor-1260	0.084	< 0.084	07/19/2016
PCBs, Total	**0.084**	**<0.084**	**07/19/2016**

Comments: 15-200 WEST

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ANALYSIS REPORT
Polychlorinated Biphenyls in Air

Sample Number	**0719-16-D**	Received	07/19/2016
Lab Sample ID	16244602	Matrix	Air
Initial Sample Size	1580 L	Units of Result	ug/m3

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.063	< 0.063	07/19/2016
Aroclor-1221	0.063	< 0.063	07/19/2016
Aroclor-1232	0.063	< 0.063	07/19/2016
Aroclor-1242	0.063	< 0.063	07/19/2016
Aroclor-1248	0.063	< 0.063	07/19/2016
Aroclor-1254	0.063	< 0.063	07/19/2016
Aroclor-1260	0.063	< 0.063	07/19/2016
PCBs, Total	**0.063**	**<0.063**	**07/19/2016**

Comments: 15-100 WEST

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Quality Control Results

Project Number:	**2012-494**	**SDG Number:**	**1614807**
		Project Manager:	**Doug Lansing**
QC Batch(es):	**Q447**	Analysis Method:	**5503**
QC Batch Method:	5503PR	Analysis Description:	Polychlorinated Biphenyls in Air
Preparation Date:	07/19/2016		

Blank: BLK-1614807

Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers
Aroclor-1016	ND	ug/m3	1	0.040	0.04	
Aroclor-1221	ND	ug/m3	1	0.040	0.04	
Aroclor-1232	ND	ug/m3	1	0.040	0.04	
Aroclor-1242	ND	ug/m3	1	0.040	0.04	
Aroclor-1248	ND	ug/m3	1	0.040	0.04	
Aroclor-1254	ND	ug/m3	1	0.040	0.04	
Aroclor-1260	ND	ug/m3	1	0.040	0.04	
PCBs, Total	ND	ug/m3	1	0.040	0.04	
Surrogates:				% Rec		
Tetrachloro-m-xylene			1	103	40-140	
Decachlorobiphenyl			1	105	40-140	

Lab Control Sample: LCS-1254-1614807

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	475	ug/m3	1	500	95	40-140	
Surrogates:							
Tetrachloro-m-xylene			1		103	40-140	
Decachlorobiphenyl			1		103	40-140	

Lab Control Sample: LCS-1016+1260-1614807
Lab Control Sample Duplicate: LCS Dup-1016+1260

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	460	ug/m3	1	500	92	40-140			
	460			500	92	40-140	0	50	
Aroclor-1260	415	ug/m3	1	500	83	40-140			
	420			500	84	40-140	1	50	
Surrogates:									
Tetrachloro-m-xylene			1		107	40-140			
					107	40-140			
Decachlorobiphenyl			1		107	40-140			
					107	40-140			

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Surrogate Recovery Summary Report

Client Rainier Commons **SDG Number** 1614807

Project 2012-494

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
0719-16-A	16244600	Decachlorobiphenyl	105%	40-140
0719-16-A	16244600	Tetrachloro-m-xylene	105%	40-140
0719-16-B	16244601	Decachlorobiphenyl	105%	40-140
0719-16-B	16244601	Tetrachloro-m-xylene	105%	40-140
0719-16-D	16244602	Decachlorobiphenyl	106%	40-140
0719-16-D	16244602	Tetrachloro-m-xylene	105%	40-140
BLK-1614807	BLK-1614807	Decachlorobiphenyl	105%	40-140
BLK-1614807	BLK-1614807	Tetrachloro-m-xylene	103%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Decachlorobiphenyl	107%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Tetrachloro-m-xylene	107%	40-140
LCS-1016+1260-1614807	LCS-1016+1260-1614807	Decachlorobiphenyl	107%	40-140
LCS-1016+1260-1614807	LCS-1016+1260-1614807	Tetrachloro-m-xylene	107%	40-140
LCS-1254-1614807	LCS-1254-1614807	Decachlorobiphenyl	103%	40-140
LCS-1254-1614807	LCS-1254-1614807	Tetrachloro-m-xylene	103%	40-140

* Recovery outside limits

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: **1614807** Contract: **N/A**

Determination: **5503 PCB Aroclors <Air>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000440	CCV1-1016-1260	PCB_2016-1-10	07/19/2016	Aroclor-1016	0.1	0.107	ug/mL	107	80-120
		PCB_2016-1-10	07/19/2016	Aroclor-1260	0.1	0.103	ug/mL	103	80-120
	CCV1-1254	PCB_2016-1-11	07/19/2016	Aroclor-1254	0.1	0.104	ug/mL	104	80-120
	ICV 1016-1254-1260	PCB_2016-1-15	07/19/2016	Aroclor-1016	0.1	0.089	ug/mL	89	85-115
		PCB_2016-1-15	07/19/2016	Aroclor-1254	0.1	0.092	ug/mL	92	85-115
		PCB_2016-1-15	07/19/2016	Aroclor-1260	0.1	0.085	ug/mL	85	85-115
	CCV2 -1016-1260	PCB_2016-1-10	07/19/2016	Aroclor-1016	0.1	0.103	ug/mL	103	80-120
		PCB_2016-1-10	07/19/2016	Aroclor-1260	0.1	0.095	ug/mL	95	80-120
	CCV2-1254	PCB_2016-1-11	07/19/2016	Aroclor-1254	0.1	0.102	ug/mL	102	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

NVL Laboratories, Inc.
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Tel: 206.547.0100 Emerg.Cell: 206.914.4646
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

1614807

Client: Rainier Commons, LLC
Street: 918 S. Horton Street, Suite 101
Seattle, WA 98134

NVL Batch Number:
Client Job Number: 2012-494
Total Samples: 3

Turn Around Time: ASAP
☐ 1-Hr ☐ 2-Hrs ☐ 4-Hrs ☐ 8-Hrs ☐ 12-Hrs ☐ 24-Hrs ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days ☐ 6-10 Days
Please call for TAT less than 24 Hrs

Project Manager: Mr. Doug Lansing
Project Location: 3100 Airport Way S. Seattle,WA 98134

Email address: lansinghomes@aol.com
Phone: (206) 447-0263 Fax: (206) 447-0299 Cell (b) (6)

☐ Asbestos Air	☐ PCM (NIOSH 7400)	☐ TEM (NIOSH 7402)	☐ TEM (AHERA)	☐ TEM (EPA Level II)	☐ Other
☐ Asbestos Bulk	☐ PLM (EPA/600/R-93/116)	☐ PLM (EPA Point Count)	☐ PLM (EPA Gravimetry)	☐ TEM BULK	
☐ Mold/Fungus	☐ Mold Air	☐ Mold Bulk	☐ Rotometer Calibration		

METALS	Det. Limit	Matrix		RCRA Metals		Other Metals
☐ Total Metals	☐ FAA (ppm	☐ Air Filter	☐ Soil	☐ Arsenic (As)	☐ All 8	☐ All 3
☐ TCLP	☐ ICP (ppm)	☐ Drinking water	☐ Paint Chips in %	☐ Barium (Ba)	☐ Chromium (Cr	☐ Copper (Cu)
☐ Cr 6	☐ GFAA (ppl	☐ Dust/wipe (Area)	☐ Paint Chips in cm	☐ Cadmium (Cd)	☐ Lead (Pb)	☐ Nickel (Ni)
					☐ Mercury (Hg)	☐ Zinc (Zn)

☒ Other Types of Analysis: ☐ Fiberglass ☐ Nuisance Dust ☒ Other (Specify) PCB - AIR
☐ Silica ☐ Respirable Dust

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		0719-16 -A	~~HHT-234~~ 15-200 EAST	
2		-B	15-200 WEST	
3		-D	15-100 WEST	
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	D. LANSING		RAINIER	7-19-16	1455
Relinquished by	DAVE LEONARD		NVL	7-19-16	1500
Received by				7/19/16	1500
Analyzed by	Shalini Patel		NVL	7-19-16	1700
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

1614807

Rainier Commons Exterior Paint Removal Project

Air Sample Data Sheet

(Note Date, Report # and Page #on each sheet)

Date 7-19-16 Daily Report #: PHASE 2

Sample ID	0719-16-A
Contaminant	PCB
Sample Location Description	Loc. A
Sample Inside/Outside?	I
Start Flow Rate	4.0
End Flow Rate	4.0
Start Time	0566 0556 per Dung. L.
End Time	1228
Total Time	6H 36M 392 min (EP)
Total Volume	
Notes -Including adjacent activities	UNIT 234

SAMPLER

Signature 7-19-16 Date

Rainier Commons Exterior Paint Removal Project

Air Sample Data Sheet

(Note Date, Report # and Page #on each sheet)

Date 7-19-16 Daily Report #: PHASE 2

Sample ID	0719-16-B
Contaminant	PCB
Sample Location Description	Loc. B
Sample Inside/Outside?	I
Start Flow Rate	4.0
End Flow Rate	4.0
Start Time	0630
End Time	1128
Total Time	~~4H 48M~~ 298 min (ST)
Total Volume	
Notes -Including adjacent activities	Unit 186

SAMPLER

Signature _____ Date 7-19-16

1614807

Rainier Commons Exterior Paint Removal Project

Air Sample Data Sheet

(Note Date, Report # and Page #on each sheet)

Date 7-19-16 Daily Report #: PHASE 2

Sample ID	0719-16-D
Contaminant	PCB
Sample Location Description	Loc. D
Sample Inside/Outside?	I
Start Flow Rate	4.0
End Flow Rate	4.0
Start Time	0622
End Time	1257
Total Time	6H 34M 35 M (SP)
Total Volume	
Notes -Including adjacent activities	UNIT 128

SAMPLER

Signature _____ Date 7-19-16